

LIPEX® 102

Product number(s) | Site(s) of manufacturing

8520 | AAK-SE

Version

01

Document date

2023.09.26

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2023.10.02

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Description

LIPEX® 102 is composed of refined, bleached and deodorised vegetable fat taken from the fruit of the Shea tree (*Butyrospermum parkii*). LIPEX® 102 contains a relatively high amount of unsaponifiable matter and is processed to be very light in colour.

INCI: Butyrospermum Parkii Butter (EU), Butyrospermum Parkii (Shea) Butter (US),
EINECS number: 293-515-7 CAS number: 194043-92-0

Application

LIPEX® 102 is especially produced for cosmetic and dermatological applications. LIPEX® 102 finds application in skin care formulations including creams, lotions, suncare products, massage creams and ointments.

Specifications

Colour 5 1/4" Red	Max 2,0	Lovibond Tintometer
Acid value (mg KOH/g)	Max 0,5	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 1,0	AOCS Cd 8b-90(m)
Iodine value Wijs	60 - 70	IUPAC 2.205

Typical values

Unsaponifiable matter (%)	7	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	180	IUPAC 2.202
Hydroxyl value (mg KOH/g)	5	AOCS Cd 13-60(m)
Density 50°C (g/cm ³)	0,89	Electronic density meter
Slip melting point (°C)	31	AOCS Cc 3-25
Pourpoint (°C)	20	ASTM D97 SS-ISO 3016(m)
Refractive index 60°C	1,457	Automatic Refractometer
Oil stability index 110°C (h)	20	AOCS Cd 12b-92(m)
Fatty acid composition		IUPAC 2.304
C16:0 (%)	4	
C18:0 (%)	42	
C18:1 (%)	45	
C18:2 (%)	6	
C18:3 (%)	0,2	
C20:0 (%)	1,5	

Packaging

Cartons of 25 kg

Above product is produced according to relevant national legislation. Specified values are guaranteed by AAK at the time of manufacture.
As the specific application is beyond our control, users should conduct their own tests to assure the suitability of the product for a specific application.



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Storage

LIPEX® 102 should be stored in dark, dry and odour free conditions. Recommended storage temperature is 15-20°C or below.

Shelf life

When stored in unopened original container according to recommended storage conditions, the recommended maximum storage time is two years from the production date. Within this time LIPEX® 102 fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

Other information

For additional information about ecological data, shelf life etc see Product Documentation.

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